QUICK START GUIDE

PelcoNet™

NET104A Multimedia Transmission System

C2900M-QS (9/02)

BEFORE YOU BEGIN

Installation of PelcoNet™ requires support from your **network administrator**. Contact your administrator to assist with STEP 2 – Configuring PelcoNet Using HyperTerminal. Write down the following information from your network administrator:

1. A unique IP address for each PelcoNet unit

   _____._____._____._____ _____._____._____._____

2. The subnet mask for each IP address

   _____._____._____._____ _____._____._____._____

3. The default gateway for each address

   _____._____._____._____ _____._____._____._____

4. The IP address of the mail server

   _____._____._____._____ _____._____._____._____

STEP 1A

CONNECTING THE TRANSMITTER – NET104A

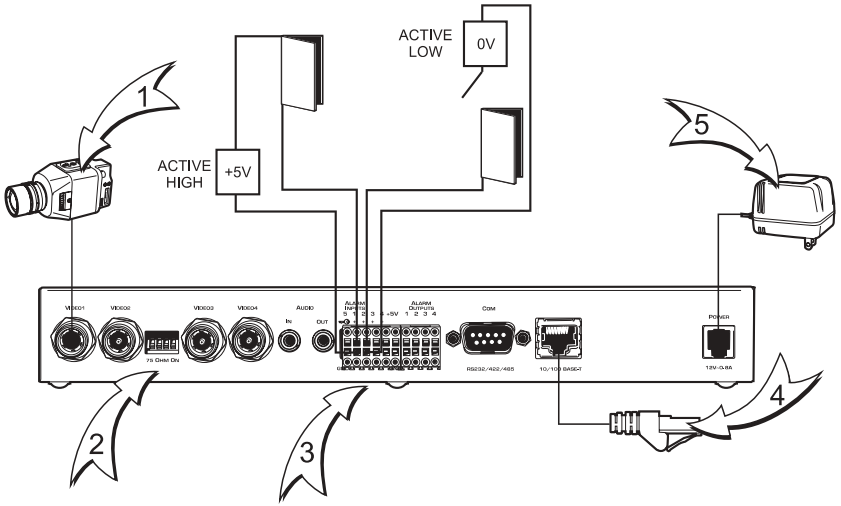
1. Plug in cameras or other video sources with composite NTSC or PAL output.

2. Set DIP switches to position 75 OHM ON (down) to terminate the inputs when the video signal is not connected to additional video equipment through a T-connection.

3. Connect additional items such as alarms, audio, etc.

4. Connect to the Ethernet network using a standard UTP Cat5 cable with RJ-45 connectors.

5. Insert the power cable plug into the power jack until it latches. Insert the power supply into the wall socket.

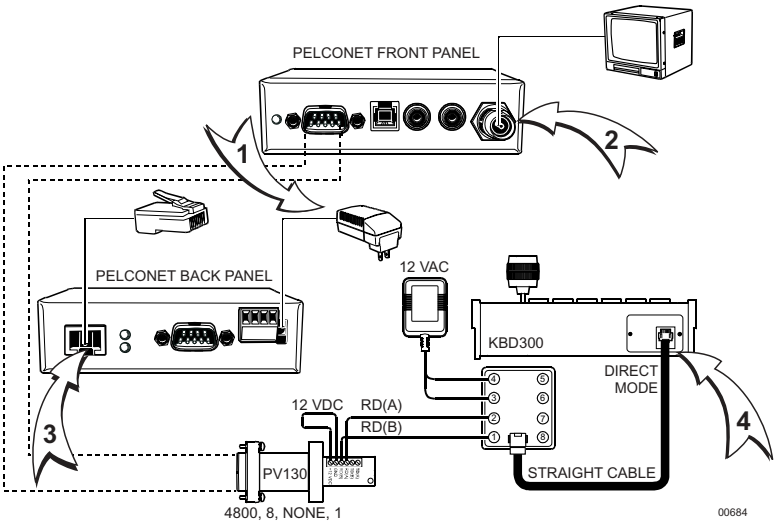


STEP 1B

CONNECTING THE RECEIVER – NET101R/R-A

NOTE: Skip this step if a receiver will not be used.

1. Plug in the supplied power adapter to power-up the NET101R/R-A.
2. Attach the monitor to the BNC connector **VIDEO OUT** on the receiver.
3. Connect a network cable from the port labeled **ETHERNET/UTP** on the NET101R/R-A to the network.
4. Connect the port labeled **TRANSPARENT DATA** to the correctly wired PV130 adapter, and connect keyboards (for example, KBD4000, CM9760-KBD, KBD300A), if any.



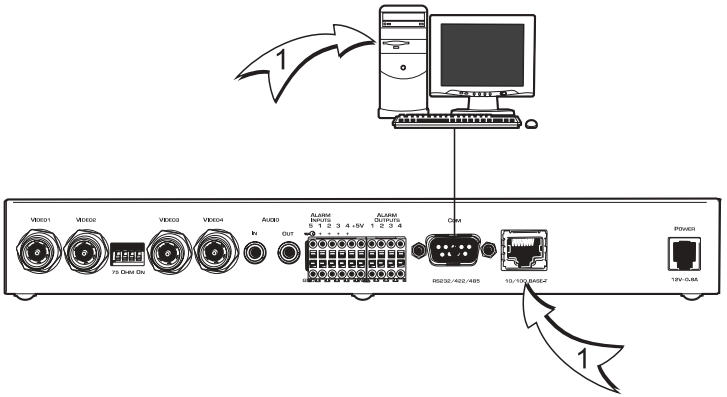
STEP 2

CONFIGURING PELCONET USING HYPERTERMINAL

NOTE: If you do not want to configure PelcoNet using HyperTerminal, refer to the PelcoNet manual for instructions on configuring PelcoNet using a web browser.

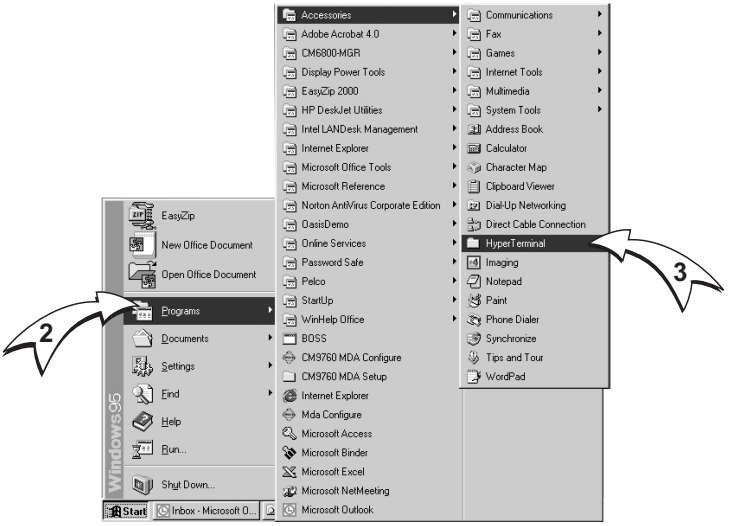
All commands consist of single characters you type inside the terminal window. Enter just one command at a time. (Refer to the Terminal Command Reference table in the PelcoNet manual for commands.)

1. Connect the D-sub COM jack on the NET104A to a free serial port on the PC. (Ensure the PC's COM port is set up properly [default parameters are 19200 baud, 8N1] and that the local terminal echo is disabled.)



2. Click the **Start** button on the desktop, and select **Programs** from the Start menu.

3. Highlight **Accessories**. Click **HyperTerminal**.



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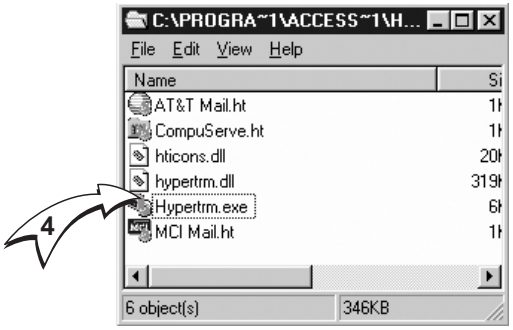
4. Double-click **Hypertrm.exe**. This opens the HyperTerminal application.



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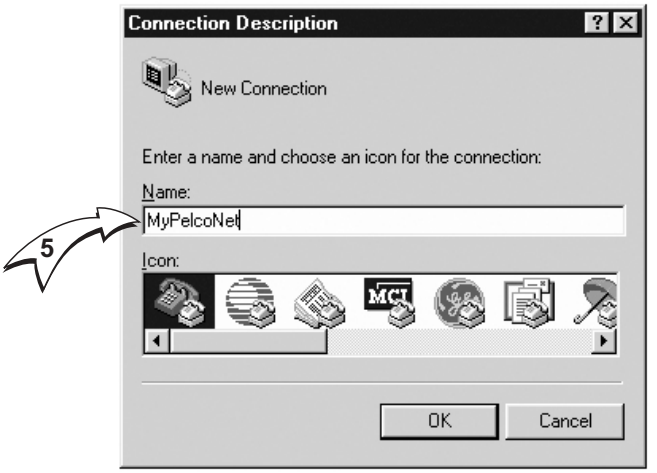
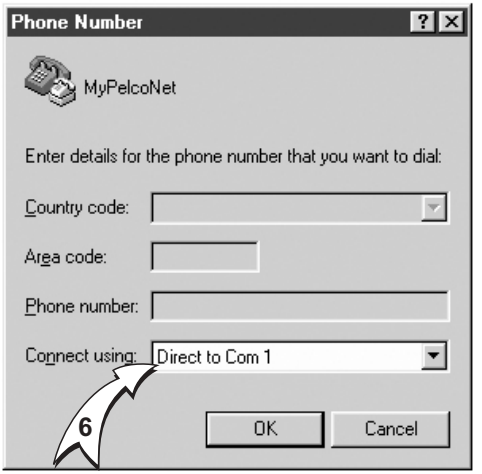
5. Type the name for the **new connection** in the field labeled **Name**. Click **OK**.

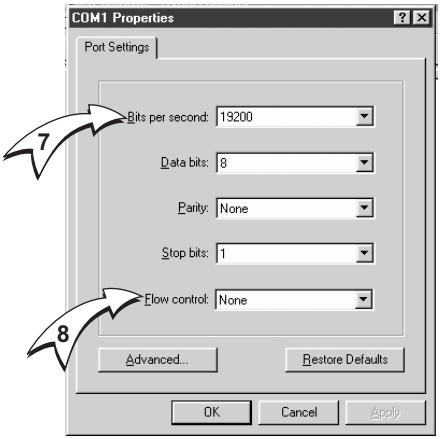


6. Change the field labeled **Connect using** to the **COM port** of the computer to which you have connected the serial cable. Click **OK**.



7. Change the field labeled **Bits per second** to **19200**.

8. Change the field labeled **Flow control** to **None**. Click **OK**.

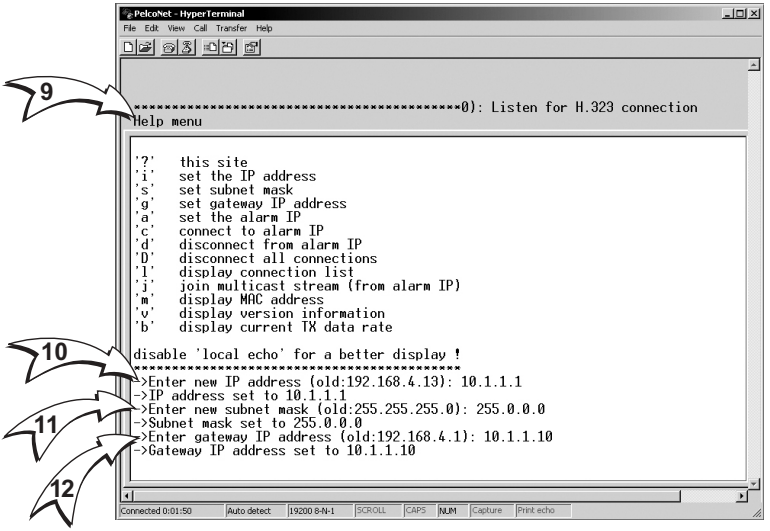


9. You are now ready to configure PelcoNet. Hold the **Shift** key and press the **?** key. This brings up the **Help menu**.

10. Press the **I** key to set the IP address. Type the new **IP address** PelcoNet will be using on the network. Press **Enter**.

11. Press the **S** key to set the subnet mask. Type the new **subnet mask**. Press **Enter**.

12. Press the **G** key to set the gateway IP address. Type the new **gateway IP address**. Press **Enter**.



13. Close **HyperTerminal**. If prompted to save settings, click **OK**.

STEP 3

FINAL CONNECTION SETTINGS

NOTE: Skip this step if a NET101R/R-A receiver will not be used.

NOTE: If you changed the transmitter and receiver IP addresses in STEP 2, then use the new addresses to connect to the units. Also use the new addresses to make changes to any settings. If no changes were made to the IP addresses in STEP 2, use the default address for the **transmitter (192.168.0.1)** and the default address for the **receiver (192.168.0.2)**.

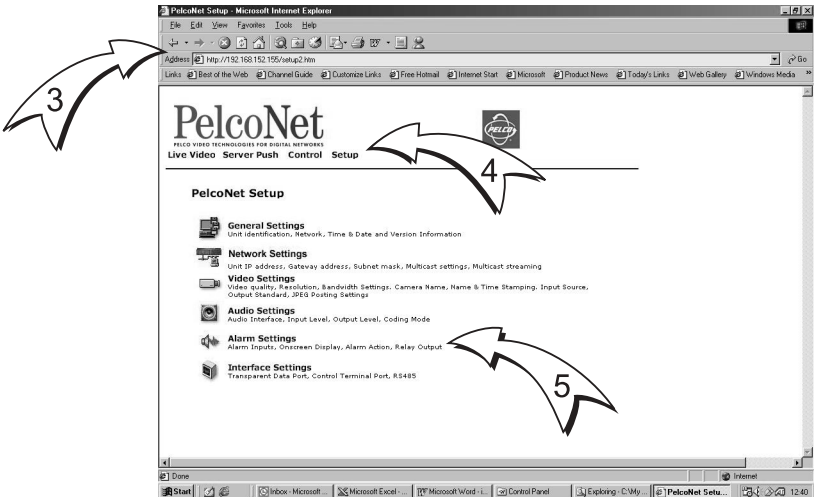
1. Install **Internet Explorer® 5.0** (if you have not already done so) from the CD supplied with PelcoNet on to a computer connected to the network.

2. Open **Internet Explorer 5.0**.

3. Type the receiver's IP address in the address field, and then press **Enter** to connect to the receiver.

4. Click the **Setup** icon.

5. Click **Alarm Settings** to bring up the Alarm Settings page.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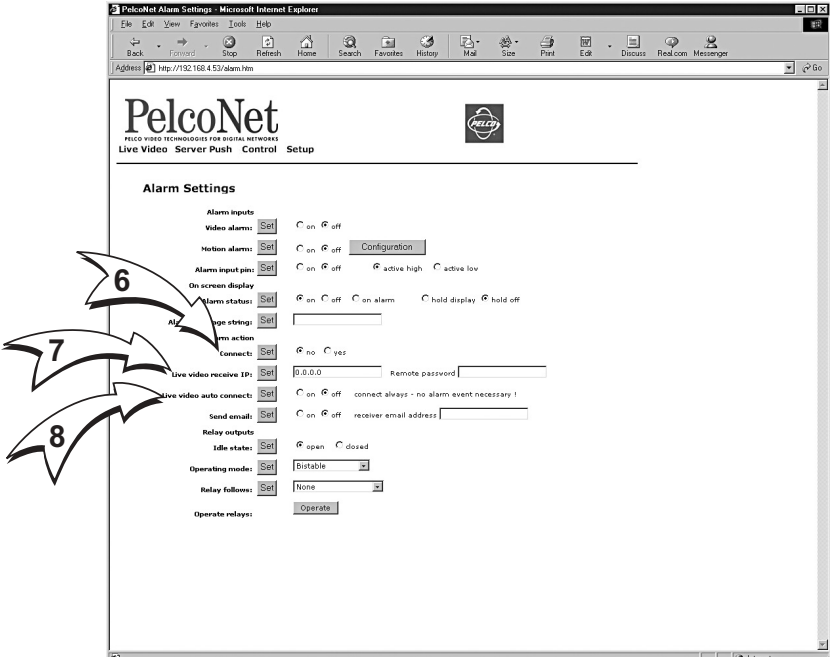
PelcoNet Setup - Microsoft Internet Explorer
PelcoNet
Live Video Server Push Control Setup
PelcoNet Setup
General Settings
Unit identification, Network, Time & Date and Version Information
Network Settings
Unit IP address, Gateway address, Subnet mask, Multicast settings, Multicast streaming
Video Settings
Video quality, Resolution, Bandwidth Settings, Camera Name, Name & Time Stamping, Input Source, Output Standard, JPEG Posting Settings
Audio Settings
Audio Interface, Input Level, Output Level, Coding Mode
Alarm Settings
Alarm Inputs, Onscreen Display, Alarm Action, Relay Output
Interface Settings
Transparent Data Port, Control Terminal Port, RS485

6. Click **Connects** to Yes. Click **Set**.

7. Type the transmitter's IP address in the box labeled Live Video Receive IP. Click **Set**.

8. Click **Live video auto connect** to On. Click **Set**.



9. Installation is now complete.

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REVISION HISTORY

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C2900M-QS	9/02	Original version.

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